Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
Data File : BF129714.D
Acq On : 11 Aug 2022 13:52
Operator : CG\JU
Sample : PB146609BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 11 23:56:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 11 23:50:03 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146609BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	175151	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	715219	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	383227	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	636535	20.000	ng		0.00
76) Chrysene-d12	14.021	240	393209	20.000	ng		0.00
86) Perylene-d12	15.492	264	331738	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1206414	112.203	ng		0.01
7) Phenol-d6	6.498	99	1493371	110.500	ng		0.00
23) Nitrobenzene-d5	7.410	82	970965	74.108	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	440692	119.609	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	1823751	73.618	ng		0.00
79) Terphenyl-d14	12.957	244	1936337	92.904	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	136087	28.052	ng		89
3) Pyridine	3.446	79	369039	27.393	ng		88
4) n-Nitrosodimethylamine	3.387	42	214150	36.200	ng	#	86
6) Aniline	6.504	93	543991	32.378	ng	#	40
8) 2-Chlorophenol	6.634	128	497070	42.315	ng		97
9) Benzaldehyde	6.393	77	237762	25.906	ng		97
10) Phenol	6.510	94	583152m	40.519	ng		
11) bis(2-Chloroethyl)ether	6.575	93	462449	40.517	ng		92
12) 1,3-Dichlorobenzene	6.775	146	500343	39.715	ng		99
13) 1,4-Dichlorobenzene	6.851	146	506700	39.547	ng		98
14) 1,2-Dichlorobenzene	7.004	146	486266	41.289	ng		98
15) Benzyl Alcohol	6.992	79	404598	41.279	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	616706	35.946	ng	#	1
17) 2-Methylphenol	7.110	107	401649	41.216	ng	#	88
18) Hexachloroethane	7.345	117	195989	40.623	ng		93
19) n-Nitroso-di-n-propyla...	7.257	70	343487	41.982	ng		89
20) 3+4-Methylphenols	7.263	107	512705	41.379	ng	#	82
22) Acetophenone	7.251	105	685686	41.178	ng		97
24) Nitrobenzene	7.428	77	511065	37.879	ng		95
25) Isophorone	7.663	82	952561	40.560	ng		99
26) 2-Nitrophenol	7.739	139	268852	40.393	ng		95
27) 2,4-Dimethylphenol	7.787	122	452736m	45.346	ng		
28) bis(2-Chloroethoxy)met...	7.869	93	587665	43.135	ng		99
29) 2,4-Dichlorophenol	7.992	162	412238	40.004	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	411971	38.623	ng		96
31) Naphthalene	8.145	128	1399133	38.504	ng		99
32) Benzoic acid	7.928	122	181088	25.089	ng		99
33) 4-Chloroaniline	8.198	127	457565	30.671	ng		97
34) Hexachlorobutadiene	8.251	225	250758	41.358	ng		99
35) Caprolactam	8.581	113	134463m	40.135	ng		
36) 4-Chloro-3-methylphenol	8.698	107	457623	41.870	ng		95
37) 2-Methylnaphthalene	8.834	142	940635	39.833	ng		99
38) 1-Methylnaphthalene	8.934	142	887709	38.942	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	412096	40.953	ng		98
41) Hexachlorocyclopentadiene	8.981	237	343514	76.663	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	266312	36.438	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	287096	36.122	ng		97
46) 1,1'-Biphenyl	9.298	154	1135995	40.618	ng		99
47) 2-Chloronaphthalene	9.328	162	884988	39.143	ng		99
48) 2-Nitroaniline	9.428	65	280540	37.315	ng		92
49) Acenaphthylene	9.745	152	1343996	39.121	ng		99
50) Dimethylphthalate	9.604	163	1084153	40.980	ng		100
51) 2,6-Dinitrotoluene	9.675	165	239819	40.502	ng		90
52) Acenaphthene	9.916	154	940294m	41.905	ng		
53) 3-Nitroaniline	9.845	138	194306	27.790	ng	#	92
54) 2,4-Dinitrophenol	9.957	184	204731	67.729	ng		94
55) Dibenzofuran	10.086	168	1223143	39.543	ng		96
56) 4-Nitrophenol	10.033	139	248604	48.194	ng		94
57) 2,4-Dinitrotoluene	10.081	165	304680	39.389	ng		93
58) Fluorene	10.428	166	1009026	40.770	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	210402	34.255	ng		91
60) Diethylphthalate	10.298	149	1071550	41.900	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	469014	42.985	ng		90
62) 4-Nitroaniline	10.469	138	240374m	34.655	ng		
63) Azobenzene	10.580	77	1005082	38.532	ng		94
65) 4,6-Dinitro-2-methylph...	10.492	198	145091	36.113	ng		95
66) n-Nitrosodiphenylamine	10.539	169	881005	41.560	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	306898	44.030	ng		96
68) Hexachlorobenzene	10.980	284	327890	43.415	ng		94
69) Atrazine	11.069	200	295637	45.915	ng		96
70) Pentachlorophenol	11.186	266	279648	68.111	ng		98
71) Phenanthrene	11.398	178	1388971	39.974	ng		99
72) Anthracene	11.451	178	1403118	41.092	ng		100
73) Carbazole	11.610	167	1285055	39.979	ng		99
74) Di-n-butylphthalate	11.922	149	1693405	44.239	ng		100
75) Fluoranthene	12.586	202	1393717	39.587	ng		99
77) Benzidine	12.710	184	587970	42.327	ng		99
78) Pyrene	12.816	202	1385656	42.141	ng		98
80) Butylbenzylphthalate	13.421	149	639911	44.868	ng		99
81) Benzo(a)anthracene	14.010	228	1064600	39.635	ng		100
82) 3,3'-Dichlorobenzidine	13.969	252	285615	32.206	ng		97
83) Chrysene	14.045	228	959150	37.889	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	888902	47.341	ng		100
85) Di-n-octyl phthalate	14.592	149	1301018	48.150	ng		96
87) Indeno(1,2,3-cd)pyrene	16.986	276	933324	41.779	ng		99
88) Benzo(b)fluoranthene	15.063	252	924190	41.999	ng		100
89) Benzo(k)fluoranthene	15.092	252	875552	40.602	ng		99
90) Benzo(a)pyrene	15.433	252	781808	43.766	ng		100
91) Dibenzo(a,h)anthracene	16.992	278	817427	44.957	ng		99
92) Benzo(g,h,i)perylene	17.439	276	820665	44.171	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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